**PCT** 

24 SEP 2004 REC'D 11 MOV 2003

PCT WIPO

## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

(Rationalised Report according to the Notice of the President of the EPO published in the OJ11/2001)

(Ranonansea Report assorting to			
Applicant's or agent's file reference  TS 9118 PCT	FOR FURTHER ACTION  See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)		
International application No.	International filing date (day)	imonthivear)	Priority date (day month year)
	}	,,	26/03/2002
PCT/EP 03/ 03229  International Patent Classification (IPC) or	25/03/2003		20,03,2002
International Patent Classification (11 c)			
	B01D46/24		
Applicant SHELL INTERNATIONALE RES	EARCH MAATS et a	11.	
This international preliminary exa Authority and is transmitted to the	mination report has been prepar the applicant according to Article	red by this Interr 36.	national Preliminary Examining
2. This REPORT consists of a total of sheets, including this cover sheet.			
This report is also accompany	nied by ANNEXES, i.e., sheets	s of the descriptions containing recti	on, claims and/or drawings which have fications made before this Authority
These annexes consists of a total of sheets.			
3. This report contains indications r	elating to the following items:		
I X Basis of the report			
II Priority			
III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
IV Lack of unity of inver  V X Reasoned statement u  citations and explanat		o novelty, inventi	ve step or industrial applicability;
VI Certain documents cited			
VII Certain defects in the international application			
VIII Certain observations on the international application			
Date of submission of the demand	Da	te of completion	of this report
23/10/2003		05/11/	2003
Name and mailing address of the IPEA/	Aut	thorized officer	and
		! RZENBERGI	erke 🔓 🔊 🥞
D-80298 Munich Tel. (+49-89) 2399-0, Tx: 52 Fax: (+49-89) 2399-4465	3656 epmu d	I. (+49-89) 2399	ER K E
Fax: (+49-69) 2399-4403			





## I. Basis of the report

The basis of this international preliminary examination is the application as originally filed.

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability

In light of the documents cited in the international search report, it is considered that the invention as defined in the claims meets the criteria mentioned in Article 33 (1) PCT, i.e. it appears to be novel, to involve an inventive step and to be industrially applicable.